

Date: Sun, 5 Jun 94 04:30:32 PDT
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V94 #151
To: Ham-Homebrew

Ham-Homebrew Digest Sun, 5 Jun 94 Volume 94 : Issue 151

Today's Topics:

Any suggestions how to test audio tubes? (2 msgs)
CALL FOR VOTES - sci.electronics.cad, sci.electronics.repair
Cheap 6M FM?
NEED HEATHKIT DOCUMENTATION !! (power amp) please readme ->
Need Help on AGC Automatic Gain Control
Vester SSTV Board
What's the DAC for?

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 3 Jun 1994 16:55:01 GMT
From: psinntp!relay1!mvdns1!rb.unisys.com!beaton@uunet.uu.net
Subject: Any suggestions how to test audio tubes?
To: ham-homebrew@ucsd.edu

Any one tried to test audio vac tubes out there?
I heard groove tubes had some kind of device for musicians?
How does one set the bias? I have oscilloscope and sig gen.

Date: Sat, 4 Jun 1994 12:19:30 GMT
From: psinntp!isc-newsserver!ultb!jdc3538@uunet.uu.net
Subject: Any suggestions how to test audio tubes?
To: ham-homebrew@ucsd.edu

In article <Cqtyzr.GKt@rb.unisys.com> beaton@rb.unisys.com (Rodger Beaton) writes:
>Any one tried to test audio vac tubes out there?
>I heard groove tubes had some kind of device for musicians?
>How does one set the bias? I have oscilloscope and sig gen.

What's wrong with a tube tester?

73...Jim N2VNO

Date: 4 Jun 1994 20:11:16 GMT
From: news.reed.edu!gaia.ucs.orst.edu!news.csos.orst.edu!ab@tcgould.tn.cornell.edu
Subject: CALL FOR VOTES - sci.electronics.cad, sci.electronics.repair
To: ham-homebrew@ucsd.edu

FIRST CALL FOR VOTES (of 2)
unmoderated group sci.electronics.cad
unmoderated group sci.electronics.repair

Newsgroups lines:
sci.electronics.cad Schematic drafting, printed circuit layout, simulation.
sci.electronics.repair Fixing electronic equipment.

Votes must be received by 29:59:59 UTC, 21 June 1994.

This vote is being conducted by a neutral third party. For voting questions only, contact the votetaker, Brennan T. Price <gt0670e@prism.gatech.edu>. For questions about the proposed groups, contact Mark Zenier <mzenier@netcom.com>.

CHARTERS

SCI.ELECTRONICS.CAD

sci.electronics.cad is an unmoderated group for the discussion of Computer Aided Design software (and systems) for use in designing electronic circuits and assemblies. Topics can include Schematic "Capture" software, Printed Circuit Board layout software, introductory and educational use of circuit simulation software such as Spice, obtaining simulation descriptions (Spice models) for electronic components, and any other computer software that relates to designing electronic circuits at the printed circuit board level.

SCI.ELECTRONICS.REPAIR

sci.electronics.repair is an unmoderated group for the discussion of repairing electronic equipment. Topics to include: Requests for assistance, Where to obtain servicing information and parts, Techniques for diagnosis and repair, and Anecdotes about success, failures and problems with equipment manufacturers.

HOW TO VOTE

Erase everything above the top "-----" line and erase everything below the bottom "-----" line. Do not erase anything between these lines and do not change the group names.

Give your name on the line that asks for it. For each group, place a YES or NO in the brackets next to it to vote for or against it. If you don't want to vote on a particular group, just leave the space blank. Don't worry about spacing of the columns or any quote characters (">") that your reply inserts.

Then mail the ballot to: gt0670e@prism.gatech.edu
Just Replying to this message should work.

----- Don't Delete Anything Between These Lines -----
sci.electronics.* Ballot <SE-0001> (Don't remove this marker)

Give your real name here:
If you do not give a real name your vote may be rejected.

[Your Vote] Group

[] sci.electronics.cad
[] sci.electronics.repair
----- Don't Delete Anything Between These Lines -----

Anything else may be rejected by the automatic vote counting program. The votetaker will respond to your received ballots with a personal acknowledgment by mail - if you do not receive one within several days, try again. It's your responsibility to make sure your vote is registered correctly.

Only one vote per person, no more than one vote per account. Addresses and votes of all voters will be published in the final voting results list.

--Brennan T. Price, UVV
Running UseVote 3.0

Date: 3 Jun 1994 20:34:51 GMT

From: korie1!newsworthy.West.Sun.COM!abyss.West.Sun.COM!spot!myers@ames.arpa

Subject: Cheap 6M FM?

To: ham-homebrew@ucsd.edu

In article KDq@netcom.com, kludge@netcom.com (Scott Dorsey) writes:

>In article <2sm5oa\$g5j@abyss.West.Sun.COM> myers@spot.West.Sun.COM writes:

>>In article 2@cs.cmu.edu, tew+@cs.cmu.edu (Thomas Warfel) writes:

>>>Radio Shack sells OEM'ed Maxon 49MHz FM 5 channel (15 kHz spacing)

>>>walkie-talkies for around \$50. Has anyone successfully retuned one

>>>of these to work 6 meter duplex (either 500KHz or 1MHz split)?

>>

>>Not likely. This HT, a nicely done piece of work at \$40, uses a cordless

>>phone PLL chip which doesn't appear to lend itself well to 6m operation.

>>

>>The less expensive xtal controlled HT, however, is easily modified for

>>6m, so I'm told.

>

>Agreed. I have modified the little xtal controlled beast and it works nicely.

>Even got a couple of states with it when 6M was really open. I think the HT

>might be modifiable, though, but it's going to take more work.

>

>If you want more power, look into boatanchors. There are a lot of military

>field radios that will cover 6M and which can be had for a song. Fair Radio

>has a nice assortment, and I picked up a PRC-10 for \$20 at a hamfest

>myself.

I just coordinated a purchase of three very clean Motorola Mitrek mobiles.

\$50 each, with accessories. 60W out, better than .2uV sensitivity. I

want to synthesize them, but first we'll get them up with rocks.

: -)

* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are

*

* (310) 348-6043 | mine and do not necessarily *

* Dana.Myers@West.Sun.Com | reflect those of my employer

*

* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 5 Jun 1994 04:46:58 GMT

From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!vixen.cso.uiuc.edu!

ux4.cso.uiuc.edu!ahall@network.ucsd.edu

Subject: NEED HEATHKIT DOCUMENTATION !! (power amp) please readme ->

To: ham-homebrew@ucsd.edu

Hello everyone,

I am in need of the documents/schematics for the following:

Heathkit Power Amp.
model HA-202

If you have them and would be either willing to negotiate for them or make a copy of them, please e-mail me. The Heathkit power amp ha-202 is a 2 or 3 transistor c-class that had the option for a nice black case with fins on top. Very nice design, and unfortunately, something has gone wrong with it. I am representing Synton Amateur Radio Club of the University of Illinois for this, so it would benefit a ton of people if you decide to contact me. (we misplaced the documents unfortunately)

sorry about that last line there.

73's et hope to speak with you soon,

Allen Hall n9rzc@uiuc.edu
Pres. of Synton ARC UIUC (W9YH)

Date: 4 Jun 1994 13:55:12 -0500
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!math.ohio-state.edu!
darwin.sura.net!nntp.msstate.edu!nntp.msstate.edu!not-for-mail@network.ucsd.edu
Subject: Need Help on AGC Automatic Gain Control
To: ham-homebrew@ucsd.edu

Hi, I'm posting for a friend...

He is looking for an AGC algorithm for audio processing using a 16-bit fixed-point DSP uP. Hints on implementation are welcome, too.

Please email your comments to my email address as I don't keep up with this newsgroup very often. Thanks in advance.

Email: pww1@Ra.MsState.Edu

Date: Sat, 4 Jun 1994 13:55:47 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!news.duke.edu!eff!
news.kei.com!ddsw1!n9csa!jeff.smith@network.ucsd.edu

Subject: Vester SSTV Board
To: ham-homebrew@ucsd.edu

Hey Guys,

I just successfully completed all my radio tests and am waiting for my tech-plus ticket. As soon as it comes, I plan to upgrade to General. I use an MFJ 1278 for SSTV receive. It lacks a lot of resolution. I really want to get a Vester SSTV board for my rig/computer. I already have the software but am very much electrically ignorant. Would anybody like to make it for me for \$\$\$? I can pay you whatever is fair. Please help me. Leave me a message and I will get back to you. Thanks, 73's Jeff.

Date: 4 Jun 94 14:35:16 EDT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.cac.psu.edu!news.pop.psu.edu!psuvax1!hsdndev!husc-news.harvard.edu!frank!dlleigh@network.ucsd.edu
Subject: What's the DAC for?
To: ham-homebrew@ucsd.edu

I've been reading Ulrich Rohde's article in the June issue of QST. In figure 14 he shows a block diagram for a DDS-driven PLL. The DDS feeds a DAC, which gets filtered and then hard limited. This hard limited signal (a square wave) is then used as an input to the PLL.

My question is: what's the DAC for? Why not just drive the PLL with the MSB of the DDS. It seems like a waste to make a nice filtered analog signal from the DDS output and then just make a square wave again.

My guess is that it has something to do with decreasing phase noise, but I don't see how it does that. Does anyone have any ideas?

Darren Leigh -- kc6euy
dlleigh@frank.harvard.edu

Date: Sat, 4 Jun 1994 15:42:02 GMT
From: ihnp4.ucsd.edu!agate!iat.holonet.net!vectorbd!jp11@network.ucsd.edu
To: ham-homebrew@ucsd.edu

References <77049530034n12@131.168.114.12>, <pschleck.770509187@cwis>, <2sj75p\$nj1@crl.crl.com>
Subject : Re: QRP mailing list?

Jeff Jones (jeffj@crl.com) wrote:
: >In <77049530034n12@131.168.114.12> Brad=Staff%PC=SW%PCPD=Hou@bangate.compaq.com writes:

: >
: >>Is the QRP mailing list still around?
: >

I wish that would get posted on here on a one-way basis

--

-Jim Lill-
jp11@vectorbd.com
wa2zkd@wb2psi.#wny.ny.usa.na

Vector Board BBS
716-544-1863/2645
GEnie: ZKD

End of Ham-Homebrew Digest V94 #151
